

F11·E·C

Service Manual





Table of Contents

Products Checking List	1
General Residential Installation Check List	2
STC Timer Control Valve Start-up Procedures	3
FTC Blackwash Fliter Valve Start-up Procedures	4
SMM Meter Control Valve Start-up Procedures	5
Water Conditioner Flow Diagrams	6
STC Time Control Valve Drive Assembly	10
Time Control Valve Drive Assembly Parts List	11
SMM Meter Control Valve Drive Assembly	12
Meter Control Valve Drive Assembly Parts List	13
Control Valve Assembly	14
Control Valve Assembly Parts List	15
Meter Assembly and Parts list	16

Products Checking List

Products series check

<input type="checkbox"/> F11-STC(Softener time)	<input type="checkbox"/> E-STC(Softener time)	<input type="checkbox"/> C-STC(Softener time)
<input type="checkbox"/> F11-SMM(Softener meter)	<input type="checkbox"/> E-SMM(Softener meter)	<input type="checkbox"/> C-SMM(Softener meter)
<input type="checkbox"/> F11-FTC(Filter time)	<input type="checkbox"/> E-FTC(Filter time)	<input type="checkbox"/> C-FTC(Filter time)
<input type="checkbox"/> Other model <input type="text"/>		

Electric motor

<input type="checkbox"/> 220V/50Hz	<input type="checkbox"/> 120V/60Hz	<input type="checkbox"/> 24V/60Hz	<input type="checkbox"/> 220V/60Hz
<input type="checkbox"/> Others <input type="text"/>			

Flow meter

<input type="checkbox"/> 2100GALLON/Plastic(8T)	<input type="checkbox"/> 10800GALLON/Plastic(40T)
---	---

Yoke

<input type="checkbox"/> 3/4 " NPT Plastic	<input type="checkbox"/> 1 " NPT Plastic	<input type="checkbox"/> 1-3/4 " NPT Plastic
--	--	--

Injector nozzle/throat

<input type="checkbox"/> #0 Red	<input type="checkbox"/> #1 Natural	<input type="checkbox"/> #2 Blue	<input type="checkbox"/> #3 Yellow	<input type="checkbox"/> #4 Green (For china)	<input type="checkbox"/> #2PVC Iron valve only
---------------------------------	-------------------------------------	----------------------------------	------------------------------------	---	--

B.L.F.C

<input type="checkbox"/> 0.125GPM	<input type="checkbox"/> 0.25GPM	<input type="checkbox"/> 0.5GPM	<input type="checkbox"/> 1.0GPM(For china)
-----------------------------------	----------------------------------	---------------------------------	--

D.L.F.C

<input type="checkbox"/> 1.2GPM	<input type="checkbox"/> 1.5GPM	<input type="checkbox"/> 2.0GPM	<input type="checkbox"/> 2.4GPM	<input type="checkbox"/> 3.0GPM	<input type="checkbox"/> 3.5GPM
<input type="checkbox"/> 4.0GPM	<input type="checkbox"/> 5.0GPM	<input type="checkbox"/> 7.0GPM(For china)			

Piston & Valve Position Dial

<input type="checkbox"/> Standard	<input type="checkbox"/> LW(Low Water)	<input type="checkbox"/> Filter(For Filter Valve only)
-----------------------------------	--	--


Power Cord & Plug

<input type="checkbox"/> CN	<input type="checkbox"/> US	<input type="checkbox"/> UK	<input type="checkbox"/> EU	<input type="checkbox"/> JP	<input type="checkbox"/> Others <input type="text"/>
Input Power <input type="text"/>					

☞ Parts chosen with "X" will be installed into the valve as default.

☞ Items in Gray indicate not often used or only for China.

General Residential Installation Check List

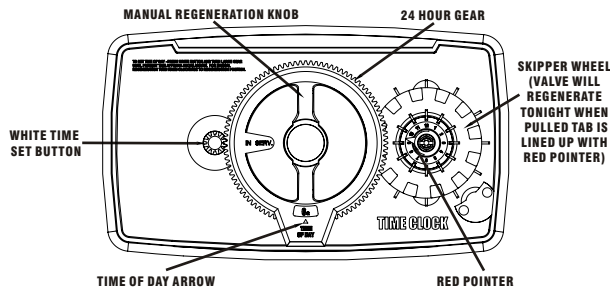
Water Pressure	Minimum 25 PSI
Electrical Supply	Uninterrupted AC. Check voltage compatibility
Existing	Free of any deposits or build-ups inside pipes
Softener	Locate close to drain and connect according to plumbing codes
Bypass Valves	Always provide for bypass valve if unit is not equipped with one
	CAUTION
	▣ Do not exceed 120 PSI water pressure
	▣ Do not exceed 100°F water temperature
	▣ Do not subject unit to freezing conditions

General Valve Installation Procedure

Note: Install the water softener with the inlet, outlet and drain connections made according to manufacturer's recommendations and to meet applicable plumbing codes.

1. Locate the softener tank close to a drain where you wish to install the unit.
Note: Be sure the tank is level and on a firm base.
2. Perform all plumbing according to local plumbing codes.
— Use a 1/2" minimum pipe size for the drain.
— Use a 3/4" drain line for backwash flow rates that exceed 7 gpm or length that exceeds 20' (6 m).
3. Cut the 1" distributor tube (1.050 O.D.) flush with top of each tank.
Note: Only use silicone lubricant.
4. Lubricate the distributor o-ring seal and tank o-ring seal. Screw the valve on to the tank.
5. Use only Teflon tape on the drain fitting. Solder joints near the valve must be done before connecting any piping to the valve. Always leave at least 6" (152 mm) between the valve and solder joints when soldering pipes that are connected to the valve. Failure to do this could cause damage to the valve.
6. Be sure the floor under the brine tank is clean and level.
7. Add water until there is approximately 1" (25 mm) of water above the grid plate. If a grid is not utilized, fill to the top of the air check in the brine tank. Do not add salt to the brine tank at this time.
8. On units with a bypass, place in Bypass position.
— Turn on the main water supply.
— Open a cold soft water tap nearby and let water run a few minutes or until the system is free of foreign material (usually solder) resulting from the installation. Close the water tap when water runs clean.
9. Place the bypass in the In Service position and let water flow into the mineral tank. When water flow stops, slowly open a cold water tap nearby and let water run until air is purged from the unit. Then close tap.
10. Plug the valve into an approved power source.

STC Timer Control Valve Start-up Procedures



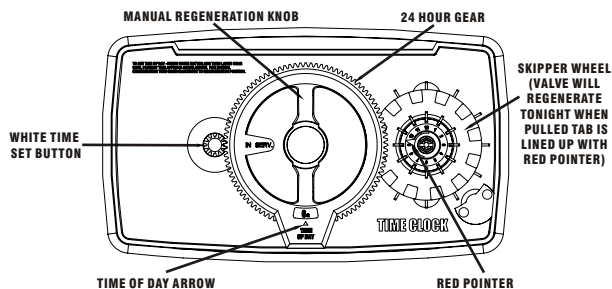
Mode F11-STC&E-STC&C-STC

1. Manually index the softener control into the In Service position and let water flow into the resin tank. When the water flow stops, open a softened water tap until all air is released from the lines. Then close tap.
Note: Manually dial the various regeneration positions by turning the knob on the front of the control until the indicator shows that the softener is in the desired position.
2. Manually index the control to the Backwash position and allow water to flow at the drain for 3 or 4 minutes.
3. Remove back cover plate.
4. Make sure that the salt dosage is set as recommended by the manufacturer. If necessary, set salt according to the setting instruction sheet. Manually index the control to the Brine Fill position and allow the brine tank to fill to the top of the air check.
5. Manually index the control to the Brine Draw position and allow the control to draw water from the brine tank until it stops.
6. Plug in the electrical cord and look in the sight hole in the back of the motor to see that it is running. Set the days that regeneration is to occur by sliding tabs on skipper wheel upward.
 - Each tab is one day.
 - Finger at red pointer is tonight.
 - Moving clockwise from red pointer, pull or push fingers to obtain the desired regeneration schedule.
7. Manually advance the control to the beginning of the Brine Fill position and allow the control to return to the In Service position automatically.
8. Fill the brine tank with salt.
9. Replace back cover on the control.
10. Make sure that any bypass valving is left in the normal In Service position.

Softeners	Hardness PPM (GPG)																			
	17-85	86-170	171-256	257-342	343-427	428-513	514-598	599-684	685-769	770-855	856-940	941-1026	1027-1111	1112-1197	1198-1283	1283-1368				
	(1-5)	(6-10)	(11-15)	(16-20)	(21-25)	(26-30)	(31-35)	(36-40)	(41-45)	(46-50)	(51-55)	(56-60)	(61-65)	(66-70)	(71-75)	(76-80)				
No. Of Persons	Calendar Clock Regenerations Frequency - No. Of Tab Pull Upwards																			
2	1	1	1	1	1	2	2	2	2	2	3	3	3	3	3	3				
3	1	1	2	2	3	3	3	3	3	3	4	4	4	4	4	4				
4	1	2	2	2	3	3	3	4	4	4	6	6	6	6	6	6				
5	2	2	3	3	4	4	4	4	6	6	6	6	12	12	12	12				
6	2	2	3	3	4	4	4	6	6	6	6	12	12	12	12	12				
7	2	3	3	4	4	6	6	6	12	12	12	12	12	12	12	12				
8	2	3	3	4	6	6	6	6	12	12	12	12	12	12	12	12				
9	3	3	4	4	6	6	12	12	12	12	12	12	12	12	12	12				
10	3	4	4	6	6	12	12	12	12	12	12	12	12	12	12	12				

Softener Timer Regeneration Reference Chart

FTC Blackwash Fliter Valve Start-up Procedures



Mode F11-FTC&E-FTC&C-FTC

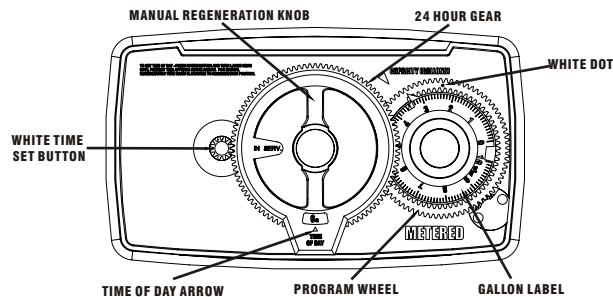
Before Plugging in the Unit

1. Open a treated water tap down stream of the filter.
2. Manually index the filter to the In Service position and allow the mineral tank to fill by slowly opening the main water supply valve.
Any bypass should be in the In Service position.
Note: The water flowing from the downstream tap is cloudy and/or contains media fines as well as air. Allow the water to run until it appears clean and free of air.
3. When a steady clean flow appears at the tap, close the tap and the main water supply valve and allow the filter media bed to settle for 15–20 minutes.
4. Manually index the filter to the Backwash position.
5. To prevent a sudden surge of water and air, partially open the main water supply valve so that the flow at the drain of the filter is approximately 1 gpm (3.7 Lpm). The water at the drain is cloudy again and/or contains media fines as well as air. Allow water to flow at the drain until it appears clean and free of air.
6. Continue to open the water supply valve until it is completely open. Allow water to flow at the drain until all media fines are washed out of the filter.
7. Manually index the filter to the In Service position, and again open the downstream tap. Check to be sure that the water flows clear. If necessary, allow water to flow until all media fines are gone. If the tap is equipped with an aerator check that it is not plugged with media fines and pipe scale.
8. Plug in the electrical cord and look in the sight hole in the back of the motor to see that it is running. Set the days that regeneration is to occur by sliding tabs on skipper wheel upward .
—Each tab is one day.
—Finger at red pointer is tonight.
—Moving clockwise from red pointer, pull or push fingers to obtain the desired regeneration schedule.
9. Set time of day by pushing white button and spin the 24-hour gear until the present time of day is visible above the time of day arrow.

Sand Filter	Sediment Turbidity	Mild					Average					Extreme					
Activated Carbon Filters	Taste Odor	Mild					Average					Extreme					
Iron Filters	PPM IronX1 PPM ManganeseX1 PPM SulphurX1	0.5	1	1.5	2	2.5	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5	8
No. Of Persons		Calendar Clock Regenerations Frequency - No. Of Tab Pull Upwards															
2		1	1	1	1	1	2	2	2	2	2	3	3	3	3	3	3
3		1	1	2	2	3	3	3	3	3	3	4	4	4	4	4	4
4		1	2	2	2	3	3	3	4	4	4	6	6	6	6	6	6
5		2	2	3	3	4	4	4	4	6	6	6	6	12	12	12	12
6		2	2	3	3	4	4	4	6	6	6	6	6	12	12	12	12
7		2	3	3	4	4	6	6	6	12	12	12	12	12	12	12	12
8		2	3	3	4	6	6	6	6	12	12	12	12	12	12	12	12
9		3	3	4	4	6	6	6	12	12	12	12	12	12	12	12	12
10		3	4	4	6	6	12	12	12	12	12	12	12	12	12	12	12

Filter Timer Regeneration Reference Chart

SMM Meter Control Valve Start-up Procedures



Mode F11-SMM&E-SMM&C-SMM

1. Manually index the softener control to the In Service position and let water flow into the resin tank. When the water flow stops, open a softened water tap until all air is released from the lines. Then close tap.
Note: The various regeneration positions may be dialed manually by turning the knob on the front of the control until the indicator shows that the softener is in the desired position.
2. Set water usage program wheel :Calculate the gallon capacity of the system by dividing the system capacity by the raw water hardness. Next subtract the necessary reserve requirement by multiplying the number of people in the house by 75 gallons (1 US gallon=3.785 L) per day. Set the gallons available at the small white dot on program wheel gear. The capacity arrow denotes remaining gallons exclusive of fixed reserve. The table below is also a quick reference to determine the gallons used before each regeneration.
3. Rotate program wheel counterclockwise until it stops at Regeneration position.
4. Manually index the control to the Backwash position and allow water to flow at the drain for 3 or 4 minutes.
5. Remove back cover plate.
6. Make sure than the salt dosage is set as recommended by the manufacturer. Manually index the control to the Brine Fill position and allow the brine tank to fill to the top of the air check.
7. Manually index the control to the Brine Rinse position and allow the control to draw water from the brine tank until it stops.
8. Plug in the electrical cord and look in the sight hole in the back of the motor to see that it is running.
9. Manually advance the control to the beginning of the Brine Fill position and allow the control to return to the In Service position automatically.
- 10.Fill the brine tank with salt.
- 11.Replace back cover on the control. Be sure cable is not pinched between cover and housing.
- 12.Make sure that any bypass valving is left in the normal In Service position.

Capacity 18,000		Hardness PPM (GPG)							
No. Of Persons		85(5)	171(10)	256(15)	342(20)	513(30)	684(40)	855(50)	
		1	2	3	4	5	6		
1	2,100	1,725	1,125	825	625	425	375	285	
2	2,100	1,650	1,050	750	450	300	210		
3	2,100	1,575	975	675	375	225	135		
4	2,100	1,500	900	600	300	150	60		
5	2,100	1,425	825	525	225	75	0		
6	2,100	1,350	750	450	150	0	0		

Capacity 24,000		Hardness PPM (GPG)							
No. Of Persons		85(5)	171(10)	256(15)	342(20)	513(30)	684(40)	855(50)	
		1	2	3	4	5	6		
1	2,100	2,100	1,525	1,125	725	525	405		
2	2,100	2,100	1,450	1,050	650	450	330		
3	2,100	2,100	1,375	975	575	375	255		
4	2,100	2,100	1,300	900	500	300	180		
5	2,100	2,025	1,225	825	425	225	105		
6	2,100	1,950	1,150	750	350	150	30		

Capacity 30,000		Hardness PPM (GPG)							
No. Of Persons		85(5)	171(10)	256(15)	342(20)	513(30)	684(40)	855(50)	
		1	2	3	4	5	6		
1	2,100	2,100	1,925	1,425	925	675	525		
2	2,100	2,100	1,850	1,350	850	600	450		
3	2,100	2,100	1,775	1,275	775	525	375		
4	2,100	2,100	1,700	1,200	700	450	300		
5	2,100	2,100	1,625	1,125	625	375	225		
6	2,100	2,100	1,550	1,050	550	300	150		

Capacity 36,000		Hardness PPM (GPG)							
No. Of Persons		85(5)	171(10)	256(15)	342(20)	513(30)	684(40)	855(50)	
		1	2	3	4	5	6		
1	2,100	2,100	2,100	1,725	1,125	825	645		
2	2,100	2,100	2,100	1,650	1,050	750	570		
3	2,100	2,100	2,100	1,575	975	675	495		
4	2,100	2,100	2,100	1,500	900	600	420		
5	2,100	2,100	2,025	1,425	825	525	345		
6	2,100	2,100	1,950	1,350	750	450	270		

Softener Meter Capacity Reference Chart (Gallons)

Capacity 18,000									
No. Of Persons		1	2	3	4	5	6		
		555	456	297	218	139	99	75	
1	555	436	277	188	119	79	59		
2	555	416	258	176	99	59	39		
3	555	396	238	159	79	40	19		
4	555	376	218	139	59	20	0		
5	555	357	198	119	40	0	0		

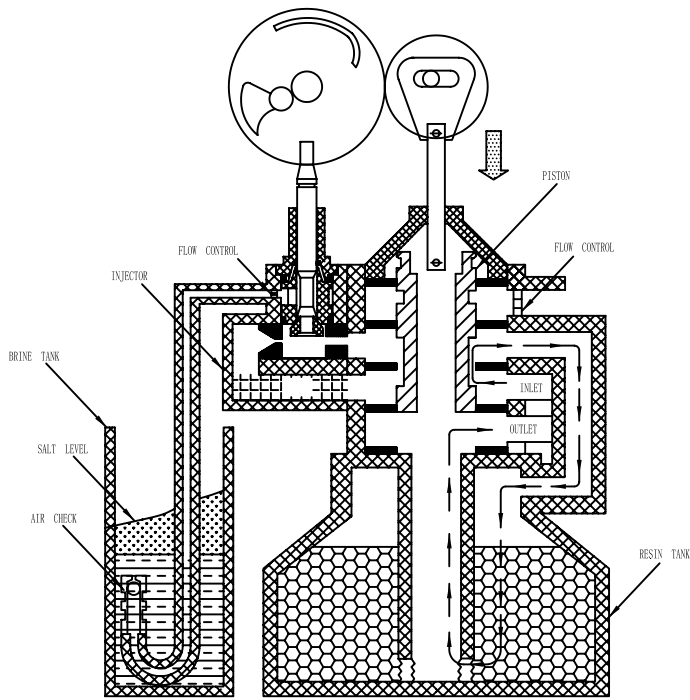
Capacity 24,000									
No. Of Persons		1	2	3	4	5	6		
		555	555	403	297	192	139	107	
1	555	555	383	277	172	119	67		
2	555	555	363	258	152	99	67		
3	555	555	343	238	132	79	48		
4	555	535	324	218	112	59	28		
5	555	515	304	198	92	40	8		

Capacity 30,000									
No. Of Persons		1	2	3	4	5	6		
		555	555	509	376	244	178	139	
1	555	555	489	357	225	159	119		
2	555	555	469	337	205	139	99		
3	555	555	449	317	185	119	79		
4	555	535	429	297	165	100	59		
5	555	515	410	277	145	79	40		

Capacity 36,000									
No. Of Persons		1	2	3	4	5	6		
		555	555	555	456	297	218	170	
1	555	555	555	436	277	188	121		
2	555	555	555	416	258	178	131		
3	555	555	555	396	238	159	111		
4	555	535	535	376	218	139	91		
5	555	515	515	357	198	119	71		

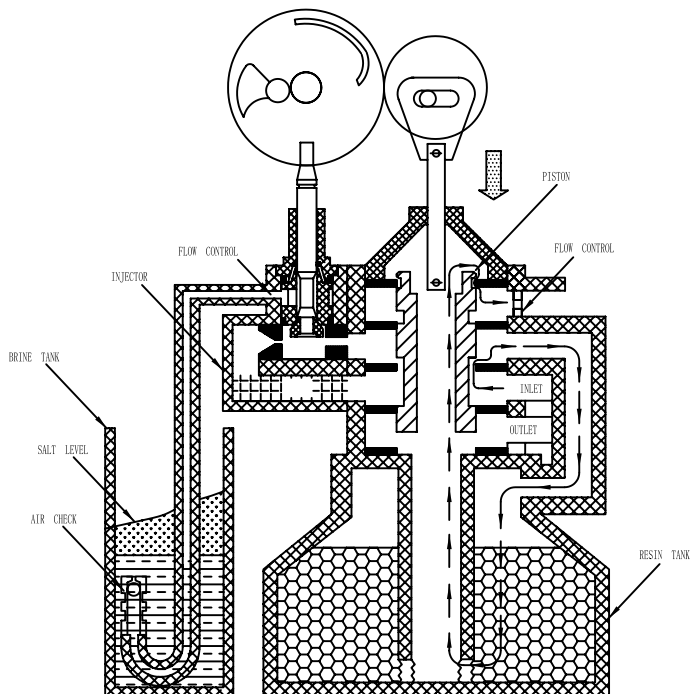
Softener Meter Capacity Reference Chart (L)

Water Conditioner Flow Diagrams



Service Position

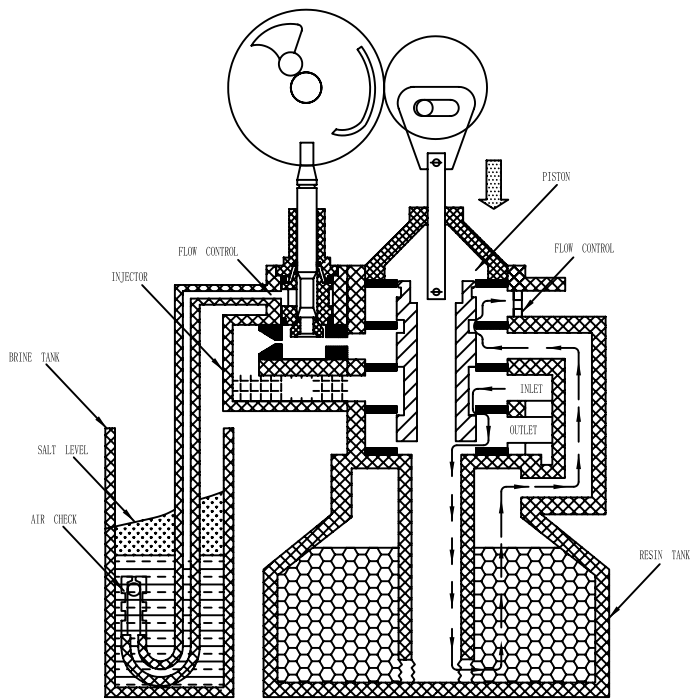
Hard water enters unit at valve inlet and flows down through the mineral in the mineral tank. Conditioned water enters center tube through the bottom distributor, then flows up through the center tube, around the piston, and out the outlet of the valve.



Preliminary Rinse Position

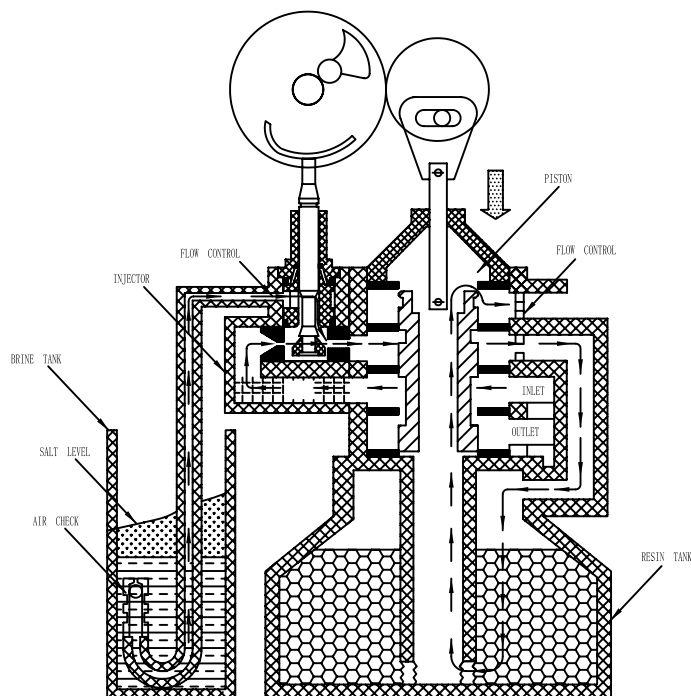
Slow rinse of the resin bed. Water flows down through the resin bed up the bottom distributor and out the drain.

Water Conditioner Flow Diagrams



Backwash Position

Hard water enters unit at valve inlet, flows through piston, down center tube, through bottom distributor, and up through the mineral, around the piston and out the drain line. Water is passed through the resin bed in the opposite direction of normal flow, which flushes suspended matter out of the resin tank. Backwashing also loosens the resin bed which becomes compacted during the softening (in service) cycle.



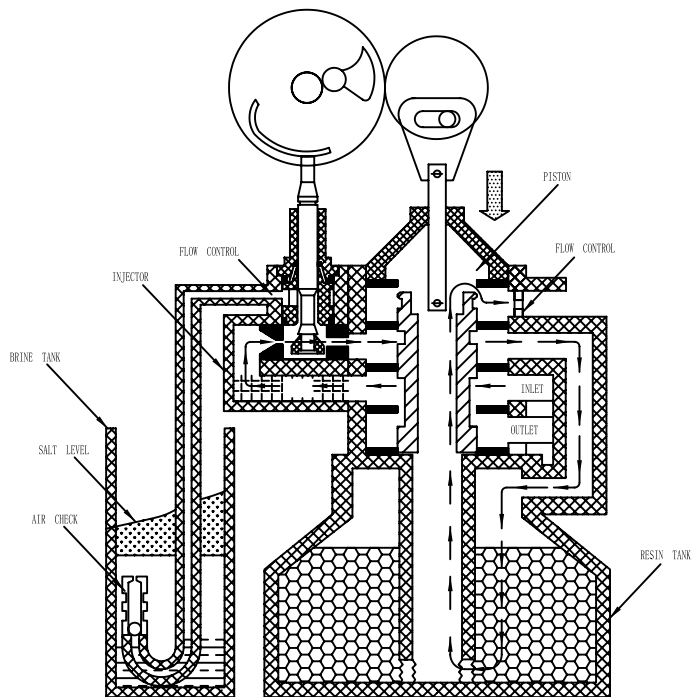
Brine Position (Softeners Only)

Hard water enters unit at valve inlet, flows up into injector housing and down through nozzle and throat to draw brine from the brine tank, brine flows down through mineral and enters the center tube through bottom distributor and out through the drain line.

The resin beads are washed with the strong solution of salt water which is called the brine solution.

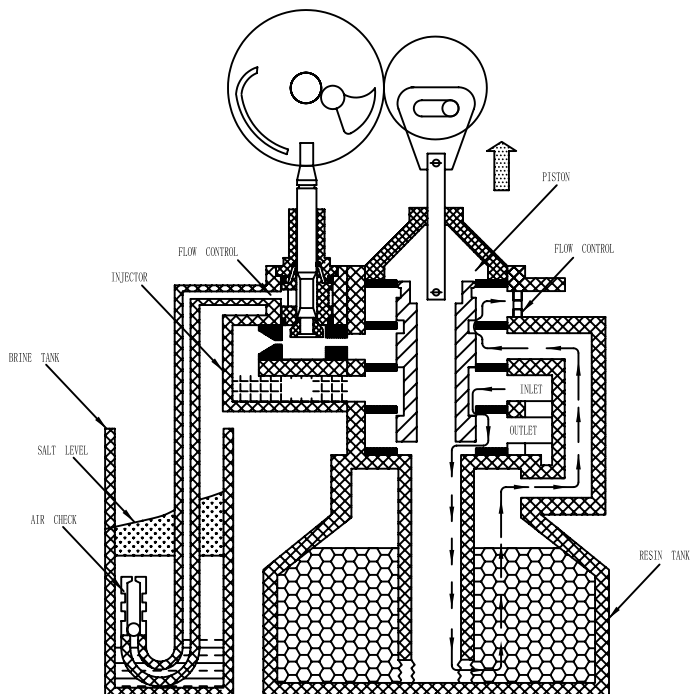
Since the resin beads prefer calcium and magnesium ions.

Water Conditioner Flow Diagrams



Slow Rinse Position (Softeners Only)

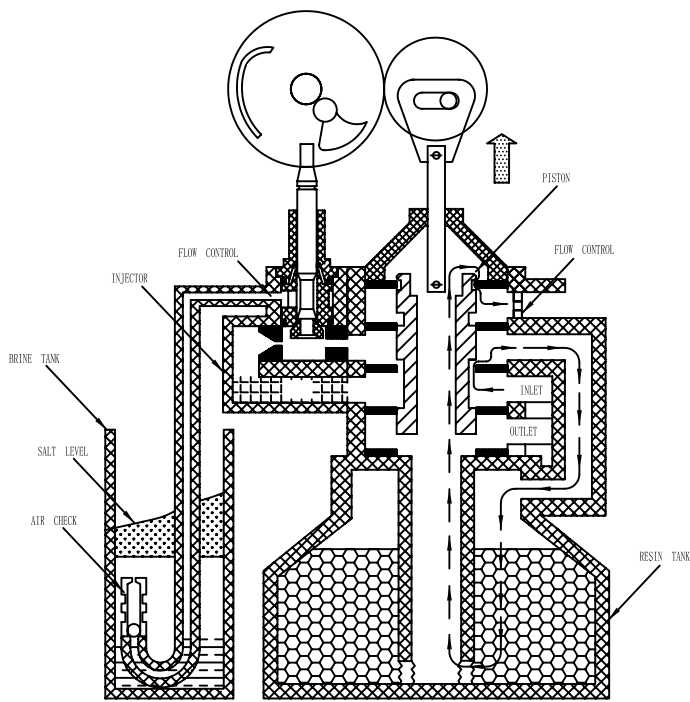
After all the brine has been drawn from the brine tank, hard water continues to enter through the valve inlet, flows around the lower piston groove, and through the nozzle and throat, down through the resin and into the distributor, then up through the center tube, at last through the center hole in the piston and out the drain line.



Rapid Rinse Position (Second Backwash Position)

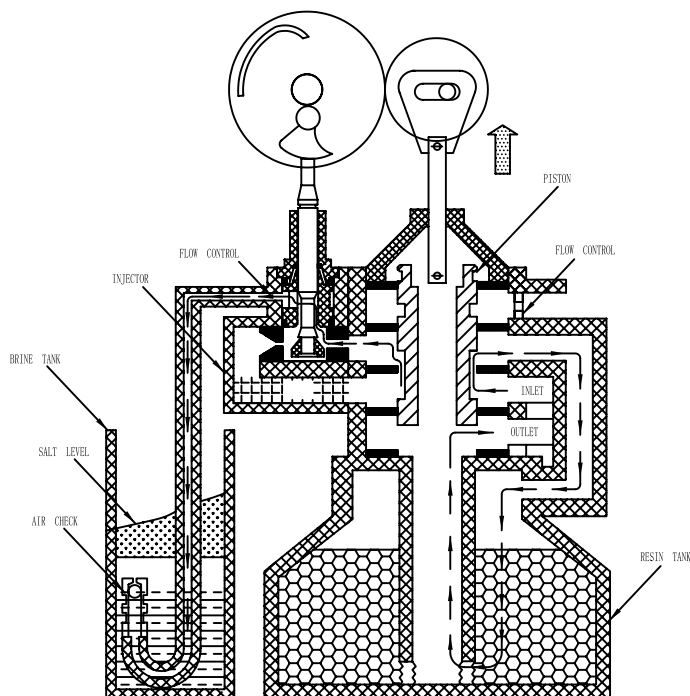
The resin bed is rinsed to remove excess brine solution from the tank and the resin beads are then ready to produce soft water again. Hard water enters unit at valve inlet, flows through piston, down center tube, through bottom distributor, and up through the mineral, around the piston and out the drain line.

Water Conditioner Flow Diagrams



Settling Rinse Position

Slow rinse of the resin bed. Water flows down through the resin bed up the bottom distributor and out the drain.



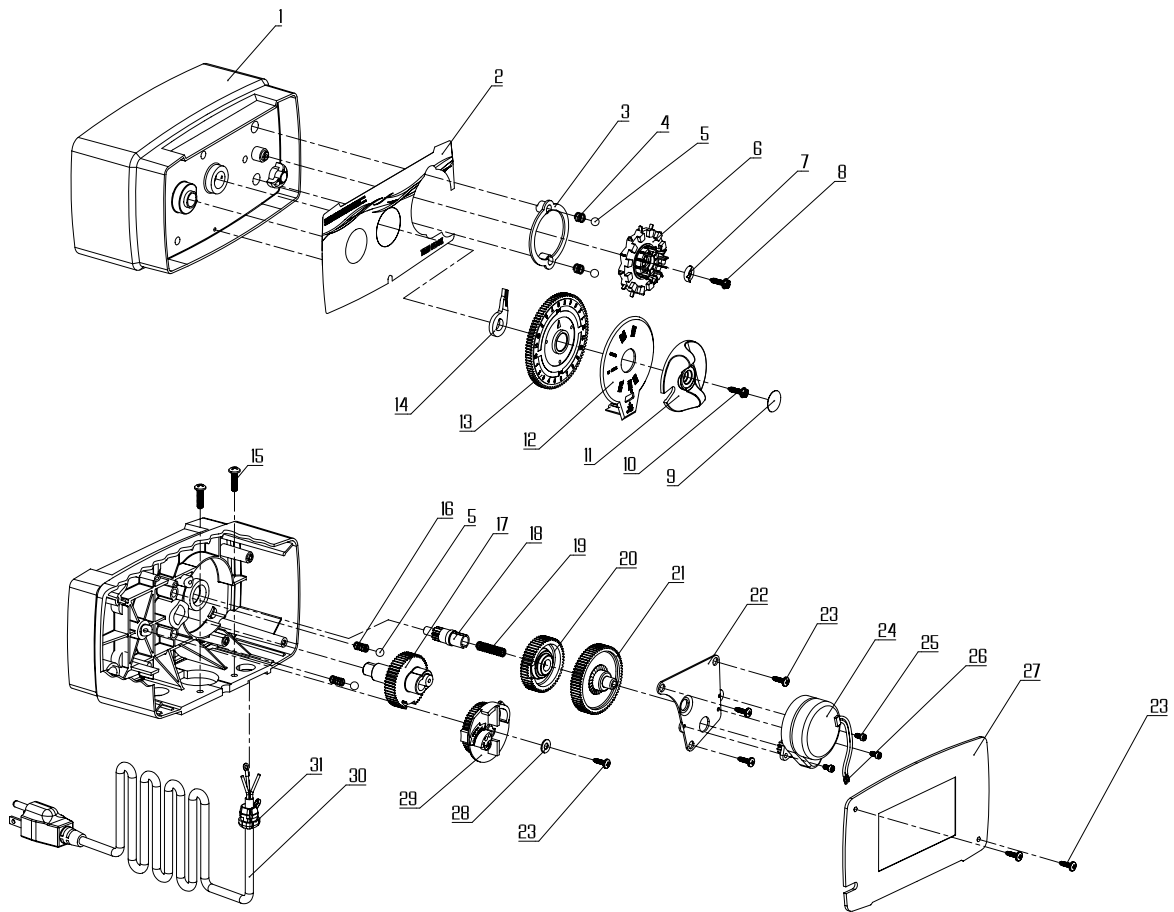
Brine Tank Fill Position (Softeners Only)

Hard water enters unit at valve inlet, flows up through the injector housing, through the brine valve to refill the brine tank. Valve is now delivering soft water to the home. Raw water is refilling the brine tank to make a brine solution for the next regeneration

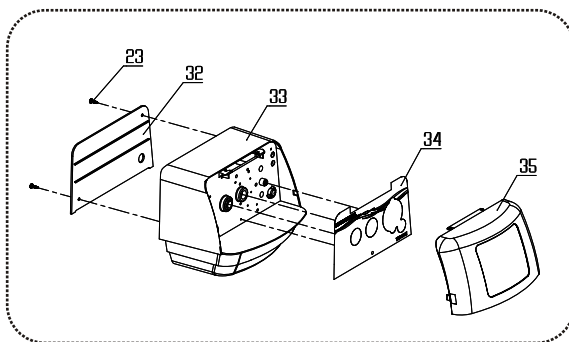
Note:Regeneration

When the valve is in Regeneration, raw water is being passed to service until rapid rinse is complete.

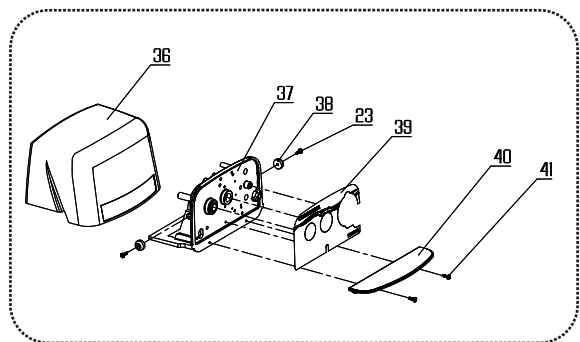
STC Time Control Valve Drive Assembly



F11-STC Time Control Valve Drive Assembly



C-STC Time Control Valve Drive Assembly



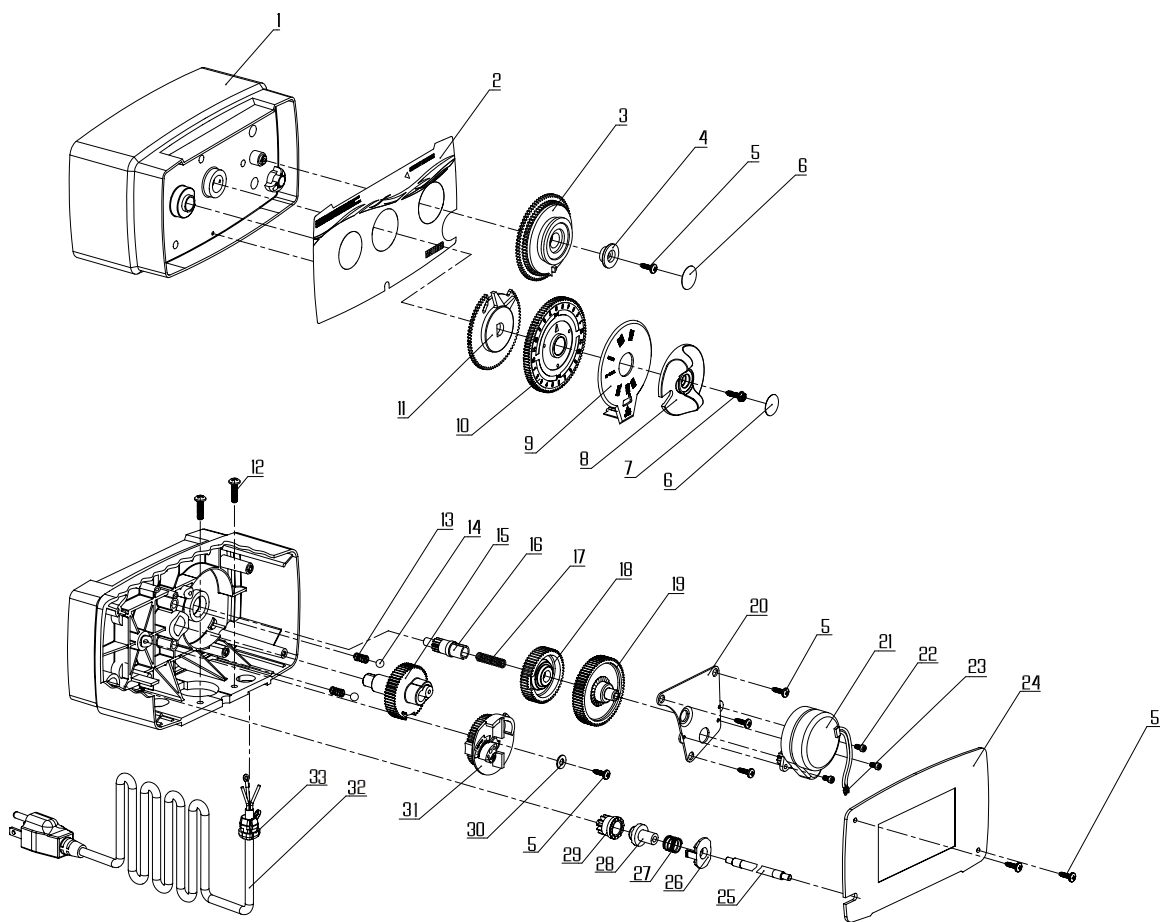
E-STC Time Control Valve Drive Assembly

Time Control Valve Drive-Assembly Parts List

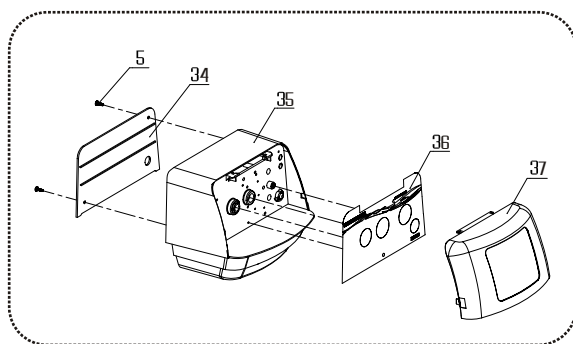
Item No.	Quantity	Part No.	Description
1	1	66167	Housing Assembly
2	1	15680	Front Label(F11 Timer)
3	1	13208	Skipper Wheel Ring
4	2	13254	Spring,Detent,Skipper Wheel
5	4	09001	Ball
6	1	66109	Skipper Wheel Assembly,12-Day
7	1	13210	Regeneration Pointer
8	1	02107	Screw,Skipper Wheel Assembly
9	1	13281	Cover Label
10	1	02103	Screw,Knob
11	1	56215	Knob,Manual Regeneration
12	2	15605-1	Valve Position Dial,Standard
		15605-2	Valve Position Dial,Fliter
13	1	66115	24-hour Gear Assembly,Silver
14	1	13211	Cycle Actuator Gear
15	2	02002	Screw-Driver Mounting
16	2	13252	Spring,Detent,Main Gear
17	1	15601	Main Gear and Shaft
18	1	13206	Idler Pointer
19	1	13253	Spring Idler
20	1	13205	Idler Gear
21	1	13204	Drive Gear
22	1	15650	Motor Mounting Plate
23	6	02106	Screw
※24	1		Motor
25	2-3	02008	Screw,Motor mtg.and Ground wire
26	2	07002	Wire Connector
27	1	15607	Back Cover
28	1	04003	Washer
29	1	66112	Brine Cam Assembly,3.5-15lbs
		66113	Brine Cam Assembly,4-6kg
		66114	Brine Cam Assembly,7-30lbs
※30	1		Electrical Cord
31	1	07003	Strain Relief
32	1	56203	Back Plate
33	1	66169	Housing Assembly
34	1	56283	Front Label(C Timer)
35	1	56202	Front Cover
36	1	56205	Housing
37	1	66168	Bracket Assembly
38	1	56229	Rubber Pad
39	1	56281	Front Label(E Timer)
40	1	56216	Dustproof Plate
41	2	02004	Screw

※ For more options please refer to Page 1

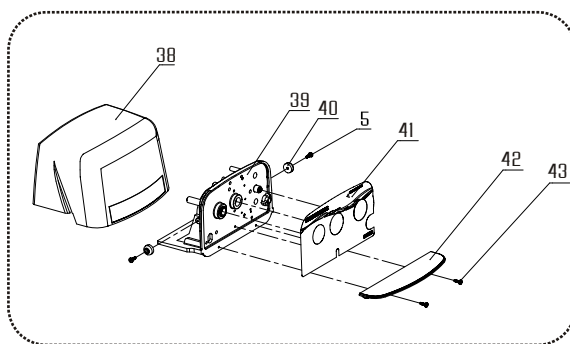
SMM Meter Control Valve Drive Assembly



F11-SMM Meter Control Valve Drive Assembly



C-SMM Meter Control Valve Drive Assembly



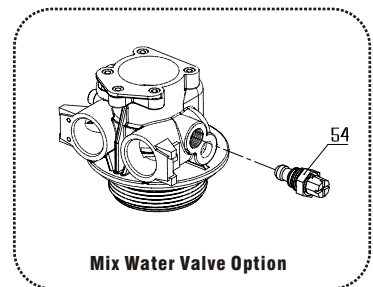
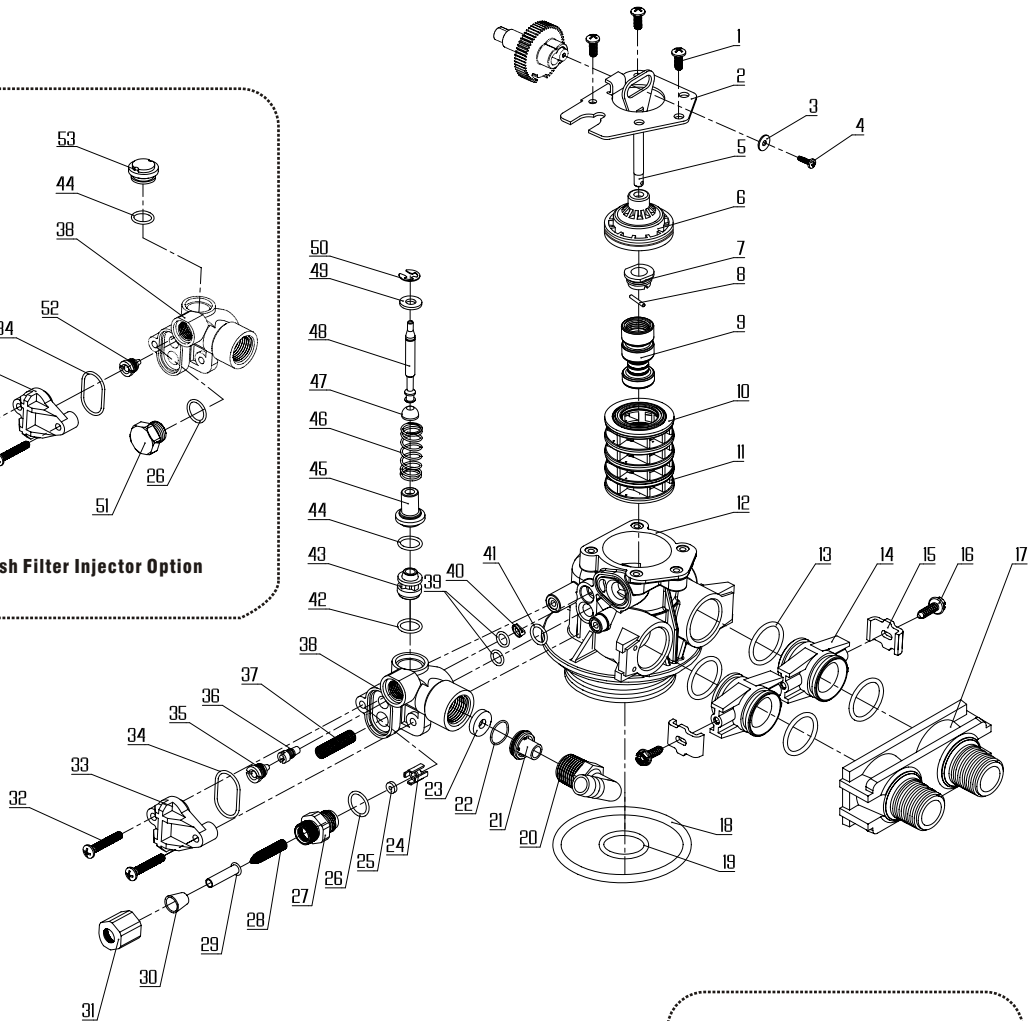
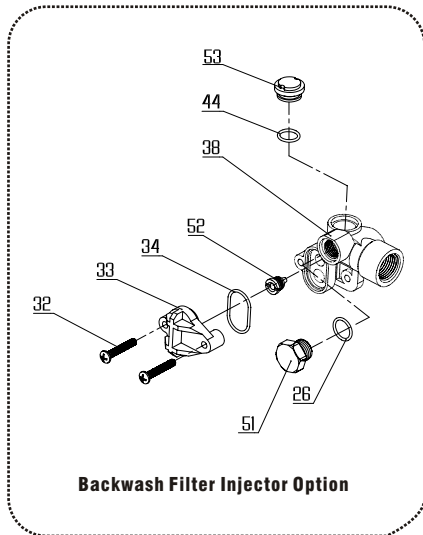
E-SMM Meter Control Valve Drive Assembly

Meter Control Valve Drive Assembly Parts List

Item No.	Quantity	Part No.	Description
1	1	66167	Housing Assembly
2	1	15688	Front Label(F11 Meter)
3	1	66116	Program Skipper Wheel Assembly
4	1	13109	Program Wheel Retainer
5	8	02106	Screw
6	2	13281	Cover Label
7	1	02103	Screw,Knob
8	1	56215	Knob,Manual Regeneration
9	1	15605-1	Valve Position Dial,Standard
		15605-2	Valve Position Dial,Fliter
10	1	66115	24-hour Gear Assembly,Silver
11	1	15608	Cycle Actuator Gear
12	2	02002	Screw-Driver Mounting
13	2	13252	Spring,Detent,Main Gear
14	2	09001	Ball
15	1	15601	Main Gear and Shaft
16	1	13206	Idler Pointer
17	1	13253	Spring Idler
18	1	13205	Idler Gear
19	1	13204	Drive Gear
20	1	15650	Motor Mounting Plate
×21	1		Motor
22	2-3	02008	Screw,Motor mtg. and Ground wire
23	2	07002	Wire Connector
24	1	15607	Back Cover
25	1	12151	Cable Assembly
26	1	13106	Spring Retainer
27	1	13151	Spring
28	1	13107	Clutch,Drive Pinion
29	1	56206	Drive Pinion,Program Wheel
30	1	04003	Washer
31	1	66112	Brine Cam Assembly,3.5-15lbs
		66113	Brine Cam Assembly,4-6kg
		66114	Brine Cam Assembly,7-30lbs
×32	1		Electrical Cord
33	1	07003	Strain Relief
34	1	56203	Back Plate
35	1	66169	Housing Assembly
36	1	56284	Front Label(C Meter)
37	1	56202	Front Cover
38	1	56205	Housing,With Pin
39	1	66168	Bracket Assembly
40	1	56229	Rubber Pad
41	1	56281	Front Label(E Meter)
42	1	56216	Dustproof Plate
43	2	02004	Screw

× For more options please refer to Page 1

Control Valve Assembly



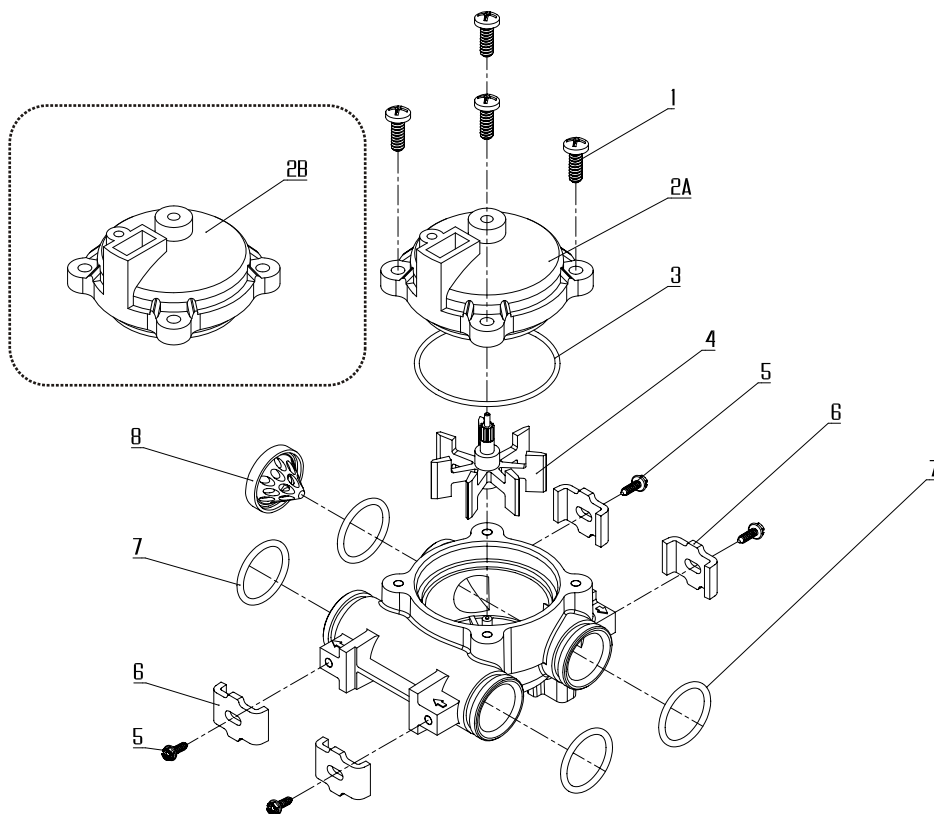
Control Valve Assembly Parts List

Item No.	Quantity	Part No.	Description
1	3	02001	Screw
2	1	56050	End Plug Retainer
3	1	04002	Washer
4	1	02106	Screw
5	1	66117	Piston Rod Assembly
6	1	66118	End Plug Assembly
7	1	56006	Piston Retainer
8	1	00101	Piston Pin
9	1	56053-1	Piston, Softener
		56150-2	Piston, Filter
10	5	56033	Seal
11	4	56004	Spacer
12	1	56001-1	Valve Body Assembly
13	4	01013	O-ring, Adapter Coupling
14	2	56017	Adapter Coupling
15	2-4	56051	Adapter Clip
16	2-4	02105	Screw, Adapter Coupling
×17	1		Yoke, Plastic
18	1	01007	O-ring, Top of tank
19	1	01102	O-ring, Distributor Tube
20	1	56011	Drine House Barb
21	1	56012	DLFC Button Retainer
22	1	01101	O-ring, DLFC
×23	1		DLFC Button
24	1	56015	BLFC Button Retainer
×25	1		BLFC Button
26	1	01004	O-ring, BLFC
27	1	56056	BLFC Fitting
28	1	56060	Screen, Brine Line
29	1	56062	BLFC Tube Insert
30	1	56023	BLFC Ferrule
31	1	56061	BLFC Fitting Nut
32	2	02003	Screw Injector Mounting
33	1	56003	Injector Cover
34	1	01005	O-ring, Injector Cover
×35	1		Injector Nozzle
×36	1		Injector Throat
37	1	56059	Screen, Injector
38	1	56002	Injector Body
39	2	01002	O-ring Injector
▲40	1	56014	Air Disperser
41	1	01006	O-ring, Drain
42	1	01105	O-ring
43	1	56010	Brine Valve Spacer
44	1	01003	O-ring, Brine Valve
45	1	66119	Brine Valve Cap Assembly
46	1	56058	Spring, Brine Valve
47	1	56030	Brine Valve Seat
48	1	56054-1	Brine Valve Stem
49	1	04001	Washer, Brine Valve
50	1	04053	Retainning Ring
51	1	56102	BLFC, Plug
52	1	56104	Injector Nozzle-Undrilled
53	1	56101	Brine Valve, Plug
54	1	66500	Mix Water Valve Assembly

▲ Only used in Filter

× For more options please refer to Page 1

Meter Assembly and Parts list



Item No.	Quantity	Part No.	Description
1	4	02082	Screw, Meter Cover Assembly
2A	1	66120A	Meter Cover Assembly, 10600gal
2B	1	66120B	Meter Cover Assembly, 2100gal
3	1	01015	O-ring, Meter Cover Assembly
4	1	12204A	Impeller
5	4	02105	Screw, Adapter Clip
6	4	56051	Adapter Clip
7	4	01013	O-ring, Meter Body
8	1	12001	Meter Body
9	1	56013	Flow Straightener



FOBRITE

NO.2 Ailing Road, Moling, Jiangning Development Zone

Nanjing, China

P.C: 211111

TEL: 025-51180528

FAX: 025-51180529

www.fobrite.com

info@fobrite.com